

Bhanu Prakash Sakinala

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EDUCATION

Master of Science in Information Technology at University of Cincinnati(GPA:3.92) Aug 2022 – present

Machine Learning, Mobile Application Development, Operating Systems, Cyber Security

Bachelor of Technology in Computer Science at VIT, Vellore, India (GPA: 3.8) Jul 2017 – Jun 2021

Data Structures, Networks and communication, Database Management Systems

PROFESSIONAL EXPERIENCE

Software Engineer, UnitedHealth Group, Hyderabad, India Jul 2021 – Aug 2022

- Joined with the front-end team for migrating web application designed in Angular Js to Angular 8
- Implemented multiple dashboards and end-to-end web pages using Angular 8 and Spring boot
- Took part in building intake pipelines using Apache Beam concepts to streamline massive data read from files and apply transformations and validations. and also improved the performance of the channels by 40 percent by optimizing the flow of the pipeline
- Collaboratively constructed frameworks to handle and persist huge data coming in from the apache pipelines after the intake process to databases and also removed redundancies in the persistence layer which increased the speed of the persistence process by 62 percent
- Responsible for developing REST APIs required for the intake pipeline to lookup the data from various tables for the process and also came up with the strategy which decreased the number of API calls during lookups so it directly impacted the pace of the validation process by 38 percentage
- Taken part in creating architecture for the file extraction application which is 2 times faster than the previously built application

SKILLS

- **Programming Languages:** C++, Python, Java, JavaScript ES6, Typescript
- **Databases:** MySQL, MongoDB
- **Web Technologies:** HTML5, CSS3, Bootstrap, Angular, React Js, Spring, Node JS
- **Cloud Technologies:** Docker, Kafka, GIT, Jenkins
- **Tools:** Github, Figma, Openshift, Netlify

PROJECTS

Material Feedback Portal

- Built a full-stack web app that has a scope to use in schools and colleges, faculty can share materials with students and students can rate the quality of materials on a scale of 5
- Tech Stack: Angular 8, Spring boot, Oracle SQL

Text Utility Application [Link](#)

- Developed the Web Page in React in which users can transform the text according to their requirements and all transformations take less than 1 second
- HTML 5, CSS 3, and React are a part of Constructing the web page and used Javascript for manipulating DOM elements on the web page

Immigrant's Resource Finder

- Created a Platform Using Angular 8 and Spring boot that allows new immigrants to find resources when a user travels to a new place
- Source and destination location place a crucial role in fetching resources

CERTIFICATIONS

- AWS: AWS-certified cloud practitioner
- React: The complete guide by Udemy
- Machine Learning A to Z by Udemy
- Angular: The complete guide by Udemy